

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/714,781A
Source: IFWO
Date Processed by STIC: 1/5/05

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 01/05/2005

PATENT APPLICATION: US/10/714,781A

TIME: 16:54:23

Input Set : A:\Seq Listing 57431331615.txt

Output Set: N:\CRF4\01052005\J714781A.raw

```

3 <110> APPLICANT: LOOSMORE, SHEENA MAY
4 MINKE, JULES MAARTEN
6 <120> TITLE OF INVENTION: RECOMBINANT VACCINE AGAINST WEST NILE VIRUS
8 <130> FILE REFERENCE: 574313-3161.5
10 <140> CURRENT APPLICATION NUMBER: 10/714,781A
11 <141> CURRENT FILING DATE: 2003-11-17
13 <150> PRIOR APPLICATION NUMBER: 10/679,520
14 <151> PRIOR FILING DATE: 2003-10-06
16 <150> PRIOR APPLICATION NUMBER: 10/374,953
17 <151> PRIOR FILING DATE: 2003-02-26
19 <150> PRIOR APPLICATION NUMBER: 10/116,298
20 <151> PRIOR FILING DATE: 2002-04-04
22 <150> PRIOR APPLICATION NUMBER: 60/281,923
23 <151> PRIOR FILING DATE: 2001-04-06
25 <150> PRIOR APPLICATION NUMBER: 10/676,502
26 <151> PRIOR FILING DATE: 2003-09-30
28 <150> PRIOR APPLICATION NUMBER: PCT/FR02/01200
29 <151> PRIOR FILING DATE: 2002-04-05
31 <160> NUMBER OF SEQ ID NOS: 85
33 <170> SOFTWARE: PatentIn Ver. 3.2
35 <210> SEQ ID NO: 1
36 <211> LENGTH: 30
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
42 oligonucleotide
44 <400> SEQUENCE: 1
45 ttttttgaat tcgttaccct ctctaacttc 30
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 33
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
55 oligonucleotide
57 <400> SEQUENCE: 2
58 tttttttcta gattacctcc gactgcgtct tga 33
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 40
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 01/05/2005

PATENT APPLICATION: US/10/714,781A

TIME: 16:54:23

Input Set : A:\Seq Listing 57431331615.txt

Output Set: N:\CRF4\01052005\J714781A.raw

```

67 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
68     oligonucleotide
70 <400> SEQUENCE: 3
71 gatctgcagc acgtgtctag aggatatcga attcgcggcc           40
74 <210> SEQ ID NO: 4
75 <211> LENGTH: 40
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
81     oligonucleotide
83 <400> SEQUENCE: 4
84 gatccgcggc cgcgaattcg atatcctcta gacacgtgct           40
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 30
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
94     oligonucleotide
96 <400> SEQUENCE: 5
97 ttttttgaat tctcactgac agtgcagaca           30
100 <210> SEQ ID NO: 6
101 <211> LENGTH: 33
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
107     oligonucleotide
109 <400> SEQUENCE: 6
110 tttttttcta gattagctgt aagctggggc cac           33
113 <210> SEQ ID NO: 7
114 <211> LENGTH: 30
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
120     oligonucleotide
122 <400> SEQUENCE: 7
123 ttttttgaat tcttcaactg ccttggaatg           30
126 <210> SEQ ID NO: 8
127 <211> LENGTH: 33
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
133     oligonucleotide
135 <400> SEQUENCE: 8
136 tttttttcta gattaagcgt gcacgttcac gga           33

```

RAW SEQUENCE LISTING

DATE: 01/05/2005

PATENT APPLICATION: US/10/714,781A

TIME: 16:54:23

Input Set : A:\Seq Listing 57431331615.txt

Output Set: N:\CRF4\01052005\J714781A.raw

```

139 <210> SEQ ID NO: 9
140 <211> LENGTH: 36
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
146     oligonucleotide
148 <400> SEQUENCE: 9
149 ttttttgata tcaccggaat tgcagtcattg          36
152 <210> SEQ ID NO: 10
153 <211> LENGTH: 36
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
159     oligonucleotide
161 <400> SEQUENCE: 10
162 ttttttgata tcatgtataa tgctgatattg          36
165 <210> SEQ ID NO: 11
166 <211> LENGTH: 36
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
172     oligonucleotide
174 <400> SEQUENCE: 11
175 tttttttcta gattaacgtt ttcccgaggc gaagtc          36
178 <210> SEQ ID NO: 12
179 <211> LENGTH: 42
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
185     oligonucleotide
187 <400> SEQUENCE: 12
188 atcatcgagc tcagctgta attcatgggc gaaaagaagt gc          42
191 <210> SEQ ID NO: 13
192 <211> LENGTH: 73
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
198     oligonucleotide
200 <400> SEQUENCE: 13
201 gaattcctcg agctgcagcc cgggttttta tagctaatta gtcatttttt gagagtacca 60
202 cttcagctac ctc          73
205 <210> SEQ ID NO: 14
206 <211> LENGTH: 72
207 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 01/05/2005

PATENT APPLICATION: US/10/714,781A

TIME: 16:54:23

Input Set : A:\Seq Listing 57431331615.txt

Output Set: N:\CRF4\01052005\J714781A.raw

```

208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
212     oligonucleotide
214 <400> SEQUENCE: 14
215 cccgggctgc agctcgagga attcttttta ttgattaact agtcattata aagatctaaa 60
216 atgcataatt tc 72
219 <210> SEQ ID NO: 15
220 <211> LENGTH: 45
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
226     oligonucleotide
228 <400> SEQUENCE: 15
229 gatgatggta ccgtaaaca atataatgaa aagtattcta aacta 45
232 <210> SEQ ID NO: 16
233 <211> LENGTH: 34
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
239     oligonucleotide
241 <400> SEQUENCE: 16
242 aaacccgggt tctttattct atacttaaaa agtg 34
245 <210> SEQ ID NO: 17
246 <211> LENGTH: 43
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
252     oligonucleotide
254 <400> SEQUENCE: 17
255 aaaagaattc gtcgactacg atacaaactt aacggatatc gcg 43
258 <210> SEQ ID NO: 18
259 <211> LENGTH: 33
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
265     oligonucleotide
267 <400> SEQUENCE: 18
268 ttttcgcgaa ccggaattgc agtcatgatt ggc 33
271 <210> SEQ ID NO: 19
272 <211> LENGTH: 39
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

```

RAW SEQUENCE LISTING

DATE: 01/05/2005

PATENT APPLICATION: US/10/714,781A

TIME: 16:54:23

Input Set : A:\Seq Listing 57431331615.txt

Output Set: N:\CRF4\01052005\J714781A.raw

```

278     oligonucleotide
280 <400> SEQUENCE: 19
281 ttttgtcgac gcggccgctt aagcgtgcac gttcacgga           39
284 <210> SEQ ID NO: 20
285 <211> LENGTH: 42
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
291     oligonucleotide
293 <400> SEQUENCE: 20
294 atcatcgagc tcgcggccgc ctatcaaaag tcttaatgag tt           42
297 <210> SEQ ID NO: 21
298 <211> LENGTH: 73
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
304     oligonucleotide
306 <400> SEQUENCE: 21
307 gaattcctcg agctgcagcc cgggttttta tagctaatta gtcatttttt cgtaagtaag 60
308 tattttttatt taa                                           73
311 <210> SEQ ID NO: 22
312 <211> LENGTH: 72
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
318     oligonucleotide
320 <400> SEQUENCE: 22
321 cccgggctgc agctcgagga attcttttta ttgattaact agtcaaata gaatatataa 60
322 ttgaaaaagt aa                                           72
325 <210> SEQ ID NO: 23
326 <211> LENGTH: 45
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
332     oligonucleotide
334 <400> SEQUENCE: 23
335 gatgatggta ccttcataaa tacaagtttg attaaactta agttg           45
338 <210> SEQ ID NO: 24
339 <211> LENGTH: 33
340 <212> TYPE: DNA
341 <213> ORGANISM: Artificial Sequence
343 <220> FEATURE:
344 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
345     oligonucleotide
347 <400> SEQUENCE: 24

```

VERIFICATION SUMMARY

DATE: 01/05/2005

PATENT APPLICATION: US/10/714,781A

TIME: 16:54:24

Input Set : A:\Seq Listing 57431331615.txt

Output Set: N:\CRF4\01052005\J714781A.raw

L:2167 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:60